

Sanitary Survey Rating

System: La Fayette Water System #0000373

Date: Jan. 15, 2015

I. System Management and Operation (94)

	Requirement	Points Range	Deduction	Comments
A.	Record Keeping 1200-5-1-.20	(0)	Narrative	<u>Good</u>
B.	Construction Projects 1200-5-1-.05, 1200-5-1-.17	(1-5)		<u>N/A</u>
C.	Submission of Monthly Operations Reports 1200-5-1-.17	(0)	Narrative	<u>OK</u>
D.	Reporting Requirements 1200-5-1-.18	(4-30)		<u>OK</u>
E.	Public Notification 1200-5-1-.19	(3-10)		<u>N/A</u>
F.	Facility Maintenance Fee	(0)	Narrative	<u>OK</u>
G.	Enforcement - T.C.A. §68-221-701 et seq.	(4-10)		<u>N/A</u>
H.	Emergency Operations Plan 1200-5-1-.17	(3)		<u>OK</u>

Deficiency Subtotal 

2. Operator Compliance (23)

	Requirement	Points Range	Deduction	Comments
A.	Certified Operator - Plant and Distribution System 1200-5-1-.17(1) and 1200-5-3-.04	(3-15)		<u>OK</u>

Deficiency Subtotal 

3. Source (25)

	Requirement	Points Range	Deduction	Comments
A.	Source Adequacy 1200-5-1-.02, .05, .16, .17(13) and .34(3)	(3-5)		<u>Good</u>
B.	Intake 1200-5-1-.05, .17	(2)		<u>OK</u>

C.	Wellhead/Springbox Construction 1200-5-1-.05(12), .16 and .17(3) and (16)	(2)	_____	OK
D.	Source Protection Plans 1200-5-1-.34	(1-2)	_____	OK

Deficiency Subtotal **0**

4. Treatment (153)

	Requirement	Points Range	Deduction	Comments
A.	Aerator 1200-5-1-.05, .17	(2)	_____	N/A
B.	Chemicals / Chemical Feeders 1200-5-1-.05 (8) and .17, .36	(2)	_____	OK
C.	Mixing 1200-5-1-.02, .05, .17	(2)	_____	OK
D.	Flocculation 1200-5-1-.02, .05, .17	(2)	_____	Good
E.	Sedimentation 1200-5-1.02, .05, .17	(2)	_____	OK
F.	Filtration / Alternative Technology 1200-5-1-.17(12) and (27)	(2-30)	_____	newer Denial isowater
G.	Re-Wash / Filter-to-Waste 1200-5-1-.17(35)	(2)	_____	OK
H.	Turbidimeters / Calibration 1200-5-1-.05(11), .17, .31, .39	(2-4)	_____	OK
I.	Disinfection 1200-5-1-.02, .17, .31, .36	(2-30)	_____	OK
J.	Disinfection Contact Time 1200-5-1-.02, .17, .31	(2-4)	_____	Good
K.	Master Meter 1200-5-1.17(2) and (3)	(1-2)	_____	OK
L.	Maintenance of Equipment, Buildings and Grounds 1200-5-1-.02, .17(3), (17) and (19)	(1)	1	Clearwell Concrete is degrading, needs repair and painting
M.	Laboratory Facilities 1200-5-1-.02, .14, .17(3)	(1-3)	_____	OK
N.	Safety 1200-5-1-.02	(2)	_____	OK
O.	Sludge Handling/Backwash Handling 1200-5-1-.05	(2)	_____	OK
P.	Sanitary Conditions 1200-5-1-.17(17)	(2)	_____	Good
Q.	Fluoridation Techniques 1200-5-1-.06, .12, .17	(2)	_____	N/A
R.	Design Capacity 1200-5-1-.05(10)	(2-4)	_____	OK
S.	Filter Backwash Recycling 1200-5-1-.31(9)	(1)	_____	N/A

Deficiency Subtotal **1**

5. Monitoring, Data Verification and Compliance (175)

	Requirement	Points Range	Deduction	Comments
A.	Laboratory-Process Monitoring (excluding Turbidity and Chlorine Residual) 1200-5-1-.17(3)	(2)		OK
B.	Bacteriological Monitoring	(2-6)		OK
C.	Bacteriological Compliance 1200-5-1-.06	(4-7)		Good
D.	Turbidity Monitoring	(2-3)		OK
E.	Turbidity Compliance	(4-7)		Good
F.	Chlorine Residual Monitoring 1200-5-1-.17, .31, .36	(2-3)		OK
G.	Primary Chemicals Monitoring	(2-3)		OK
H.	Primary Chemicals Compliance	(4)		Good
I.	Lead and Copper Monitoring 1200-5-1-.33	(2-3)		OK
J.	Lead and Copper Action Level 1200-5-1-.33	(3-5)		Good
K.	Disinfection/Disinfection By-Products and Precursors Monitoring 1200-5-1-.36, .37, .38	(2-3)		OK
L.	Disinfection/Disinfection By-Products and Precursors Compliance 1200-5-1-.06, .36	(2-30)		Good
M.	Secondary Chemicals 1200-5-1-.12	(2)		OK
N.	Secondary Chemicals Compliance 1200-5-1-.12	(3)		Good
O.	Cryptosporidium Monitoring 1200-5-1-.39	(0)	Narrative	OK


Deficiency Subtotal **0**

6. Finished Water Storage (25)

	Requirement	Points Range	Deduction	Comments
A.	Adequate Storage 1200-5-1-.17(14)	(2-4)		Good - (225 mg)
B.	Inspection and Maintenance of Reservoirs, Tanks and Clearwell 1200-5-1-.17(16), (17), (33) and (34)	(1-10)	1	High school tank has paint pops. Rust should be removed and tank painted

Deficiency Subtotal **1**

7. Pumps, Pump Facilities and Controls (18)

	Requirement	Points Range	Deduction	Comments
A.	Pump Facilities 1200-5-1-.17(9) and (13)	(1-4)	_____	<u>OK</u>
B.	Maintenance of Pumping Equipment 1200-5-1-.17(13)	(1-3)	_____	<u>OK</u>
Deficiency Subtotal				

8. Distribution System and Cross Connection Controls (86)

	Requirement	Points Range	Deduction	Comments
A.	Notification, Inspection, Disinfection and Sample Collection of New or Existing Facilities 1200-5-1-.17(8), (19)	(3-5)	_____	<u>OK</u>
B.	Flushing Program / Blow Offs 1200-5-1-.17(10) and (23)	(3-4)	_____	<u>OK</u>
C.	Fire Hydrants 1200-5-1-.17(18)	(0)	Narrative	<u>OK</u>
D.	Adequate Pressure 1200-5-1-.17(9)	(5)	_____	<u>Good</u>
E.	Map of Distribution System 1200-5-1-.17(15)	(3)	_____	<u>OK</u>
F.	Approved Cross Connection Policy or Ordinance and Plan 1200-5-1-.17(6)	(4)	_____	<u>OK</u>
G.	Working Cross Connection Program 1200-5-1-.17(6)	(3-9)	_____	<u>OK</u>
H.	Unaccounted Water Loss	(0)	Narrative	<u>OK</u>

Deficiency Subtotal
Total Deficiency Points
Overall Rating
Inspector's Signature



Dan Phillips

Additional Comments/Explanation:
